

COMMAX

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Since 1968

Home Network
COMMAX

User Manual

AC ADAPTOR RF-1A/2A



www.commax.com

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- Thank you for purchasing COMMAX products.
- Please carefully read this User's Guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.



Introduction

The model number is located on the bottom and record the serial number in the space provided below. Refer to these numbers whenever you call upon your Commax dealer regarding this product.

Model No. _____

Serial No. _____

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		

WARNING : TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION : TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION : TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER CHANGE OF SWITCH SETTING INSIDE THE UNIT TO QUALIFIED SERVICE PERSONNEL

CAUTION : TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER MOUNTING OF THE OPTIONAL INTERFACE BOARD TO QUALIFIED SERVICE PERSONNEL

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Important Safeguards

- 1. Read Instructions** - All safety and operating instructions should be read before the unit is operated.
- 2. Retain Instruction** - The safety and operating instructions should be retained for future reference.
- 3. Heed Warnings** - All warnings on the equipment and in the operating instructions should be adhered to.
- 4. Follow Instruction** - All operating and use instructions should be followed.
- 5. Ventilation** - Slots and openings in the cabinet are provided for ventilation and to protect it from overheating.
- 6. Power Sources** - This equipment should be operated only from the type of power source indicated on the marking label.
- 7. Grounding** - This product is equipped with a polarized alternating - current line plug. This plug will fit into the power outlet only one way. This is a safety feature.
- 8. Power Cord Protection** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them; pay particular attention to cords at plugs, convenience receptacles and the point where cords exit from the equipment.
- 9. Overloading** - Do not overload power outlets and extension cords as this can result in a risk of fire or electric shock.
- 10. Damage Requiring Service** - Unplug this equipment from the power source and refer servicing to qualified service personnel under the following conditions:
 - a. when the power supply cord or plug is damaged;
 - b. if liquid has been spilled or objects have fallen into the unit;
 - c. if the equipment has been exposed to rain or water;
 - d. if the equipment has been dropped or otherwise damaged;
 - e. when the equipment exhibits a distinct change in performance - this indicates a need for service.
- 11. Water and Moisture** - Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
- 12. Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the appliance.

Note : Do not place this product directly on wood or simulated woods surfaces as these surfaces are easily damaged.
- 13. Object and Liquid Entry** - Never push objects of any kind into this product through opening as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

Important Safeguards

14. Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

15. Replacement Parts - When replacement parts are require, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part.

16. Safety Check - Upon completion of service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

17. Power Line - The system should not be located near overheat power lines or other electric light or power circuits, or where it can fall into power lines or circuits.

18. Attachment - Do not use attachments not recommended by the product manufacture as they may cause hazards.

19. Outdoor Cable Protection - All outdoor connections should be protected from moisture. Internal heating can draw moisture or condensation into the covering of the unit and affect its operation.

20. Lightning - For added protection for this product before a lightning storm, or when it is left unattached and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges. Be sure is properly grounded, as defined above. If you live in an area heavily prone to lightning stroms, it is recommended that you invest in power-line, telephone-line, RF cable and Actuator/Polarization surge protectors to protect your system from possible damage.

Note to system installer :

This reminder is provided to call the system installer's attention that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

21. Protective Attachment Plug - The product is equipped with an attachment plug having overload protection. This is safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacture that has the same overload protection as the original plug.

Introduction

This direct current power supply provides a power to a electrical application device which can not be provided AC power directly.

Specifications

	RF-1A	RF-2A
POWER SOURCE	110/120/220/230/240V~	110/120-220/230/240V~
INPUT FREQUENCY	50-60Hz	50-60Hz
OUTPUT VOLTAGE	12V ==	24V ==
LOAD CURRENT	1A	1A

Operation

1. Power Cord Connection

Checking AC power plug of adapter before insert to the wall outlet.

B. DC Output

Checking DC output terminal of adapter before wire conection to the polarity.

C. Do not Short

Do not short to the \oplus and \ominus point.